

Converting Colors

XYZ(52.3894, 53.7952, 73.0976)

Have a look what the booklet for
XYZ(52.3894, 53.7952, 73.0976)
contains.

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Color

**XYZ(52.5806, 53.9685,
73.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC1D9
RGB	189, 193, 217
RGB Percent	74%, 76%, 85%
CMY	0.2588, 0.2431, 0.1490
CMYK	0.13, 0.11, 0.00, 0.15
HSL	231°, 27%, 80%
HSV	231°, 13%, 85%
XYZ	52.5806, 53.9685, 73.2913
YIQ	194.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

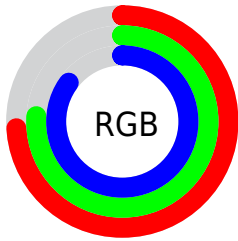
Format	Color
RYB	189, 193, 217
Decimal	12435929
CIELab	78.44, 3.37, -12.44
CIELCh	78, 12.893, 285.160
Yxy	53.9685, 0.2924, 0.3001
Android (android.graphics.Color)	4290626009 (0xFFBDC1D9)
YUV	194.5400, 11.0728, -4.8586
Hunter-Lab	73.4633, -0.8011, -7.7269

Details

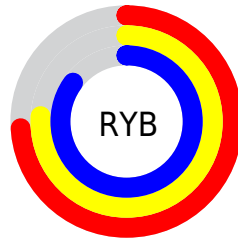
The XYZ color **52.5806, 53.9685, 73.2913** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5951, 66.0140, 57.6408**, and the grayscale version is **51.5402, 54.2243, 59.0502**.

A 20% lighter version of the original color is **89.5819, 94.3838, 108.1042**, and **26.0530, 26.5990, 37.9434** is the 20% darker color. If you saturate the color by 10%, you get **43.7394, 43.6876, 71.7737**, and if you desaturate by 10%, it is **62.7474, 65.7032, 75.0213**.

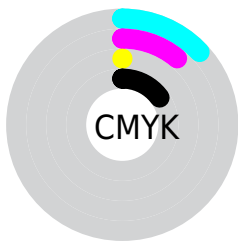
Distribution



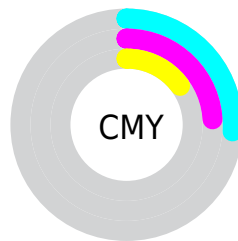
- Red (74%)
- Green (76%)
- Blue (85%)



- Red (74%)
- Yellow (76%)
- Blue (85%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5806, 53.9685, 73.2913 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.5806, 53.9685, 73.2913 by changing the saturation by 10% instead.

■ 52.5806, 53.9685,
73.2913

■ 52.5806, 53.9685,
73.2913

386.9612,
401.9899, 491.1216

■ 37.6942, 38.5765,
53.7209

■ 93.1561, 96.0280,
125.6154

■ 25.9216, 26.4304,
37.9869

119.5759,
123.4643, 159.2062

■ 16.8974, 17.1459,
25.6708

150.5709,
155.6841, 198.3076

■ 10.2562, 10.3386,
16.3540

186.5065,
193.0718, 243.3380

■ 5.6327, 5.6240,
9.6179

227.7479,
236.0118, 294.7161

■ 2.6616, 2.6178,
5.0441

274.6606,

■ 0.9774, 0.9356,

284.8886, 352.8604

2.2140

327.6099,
340.0865, 418.1894

■ 0.0000, 0.0000,
0.6824

■ 0.0000, 0.0000,
0.0000

■ 52.5806, 53.9685,
73.2913

■ 52.5806, 53.9685,
73.2913

■ 43.7394, 43.6876,
71.7737

■ 62.7474, 65.7032,
75.0213

■ 36.1642, 34.7970,
70.4569

■ 74.2866, 78.9383,
76.9678

■ 29.7981, 27.2387,
69.3336

■ 87.2485, 93.7269,
79.1391

■ 24.5776, 20.9479,
68.3944

■ 89.5245, 97.7898,
79.8034

■ 20.4338, 15.8542,
67.6297

■ 17.2898, 11.8804,
67.0284

■ 15.0586, 8.9399,
66.5784

■ 13.6370, 6.9325,
66.2659

■ 13.0151, 5.9909,
66.1169

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.0572, 53.9685, 73.3146



52.5806, 53.9685, 73.2913



54.8296, 53.9685, 69.1650

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.5806, 53.9685, 73.2913



54.8096, 53.9685, 49.4102



46.7268, 53.9685, 55.2593

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.5806, 53.9685, 73.2913



61.5951, 66.0140, 57.6408

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.9165, 53.9685, 49.4591



52.5806, 53.9685, 73.2913



52.5540, 53.9685, 46.2759

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5806, 53.9685, 73.2913



56.1451, 53.9685, 55.1873



50.0314, 53.9685, 46.2931



46.7334, 53.9685, 62.4889

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5806, 53.9685, 73.2913



55.8468, 53.9685, 64.8237



50.0314, 53.9685, 46.2931



46.9983, 53.9685, 53.0915

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.5822, 53.9707, 73.2925



88.6708, 92.6652, 107.8205



57.7849, 65.2394, 72.3655



18.7301, 19.5473, 23.0358



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5822, 53.9707, 73.2925



72.7702, 74.2918, 105.1121



54.2231, 53.5208, 73.1192



12.4881, 12.9160, 16.4870



7.9247, 3.7189, 40.0385



0.5624, 0.3389, 2.6102

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.4398, 54.9984, 58.0957



79.2025, 76.0425, 79.7637



59.7871, 66.5950, 57.8482



13.1315, 13.0817, 13.9537



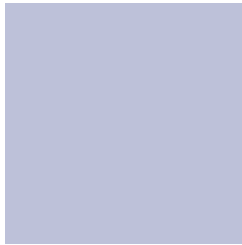
17.4954, 8.9992, 1.7226



1.1582, 0.5929, 0.2418

Previews

White Background



This preview shows how the XYZ color 52.5806, 53.9685, 73.2913 looks on a white background.

Color Contrast Check

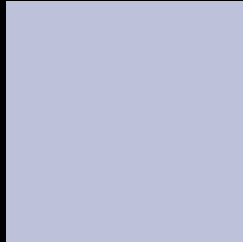
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.5806, 53.9685, 73.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

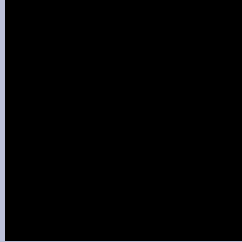
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5806, 53.9685, 73.2913

Background



This preview shows how black text looks on a background with the XYZ color 52.5806, 53.9685, 73.2913.

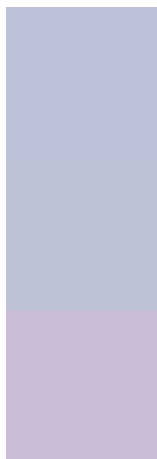


This preview shows how white text looks on a background with the XYZ color 52.5806, 53.9685,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.5806, 53.9685, 73.2913

Protanopia

53.0802, 54.2260, 73.3147

Deuteranopia

55.2096, 54.0137, 73.8455



Tritanopia

51.6637, 53.9281, 68.6590

Trichromacy



Original Color

52.5806, 53.9685, 73.2913

Protanomaly

52.8296, 54.0968, 73.3030

Deuteranomaly

54.0943, 53.7592, 73.8552

Tritanomaly

52.0411, 54.0790, 70.6462

Monochromacy



Original Color

52.5806, 53.9685, 73.2913

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0636, 54.2328, 64.2238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5806, 53.9685, 73.2913 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.5806, 53.9685, 73.2913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 193, 217) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 193, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5806, 53.9685, 73.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
193, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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